

**REMARKS**

Response to Restriction Requirement:

The Examiner has issued a restriction requirement for election of one of the following inventions:

- I. Claims 1-9, drawn to methods of diagnosing PAPA syndrome;
- II. Claims 10-37, drawn to methods of screening for agents; and
- III. Claims 38-53, drawn to nucleic acids.

In response Applicant elects Group III, claims 38-53. Therefore, Applicant has canceled claims 1-9 and 10-37 drawn to non-elected inventions. In addition, Applicant has canceled claims 39 and 40, because the subject matter of these claims was allowed in claims 1 and 2 of the parent application, U.S. Serial No. 09/710,693.

In addition, Applicant elects the SNP G688A. Applicant has not elected the SNP G748C because this SNP has already been examined and claims directed to this SNP have been allowed in the parent application of the present application, U.S. Serial No. 09/710,693. This patent issued as U.S. Patent No. 6,642,370 on November 4, 2003.

**PATENT**

It is Applicant's belief that the claims are in condition for allowance. Such favorable action is respectfully requested. If the Examiner has any questions or comments regarding any issue associated with this application a telephone call to the undersigned representative at 512-542-8569 is welcome.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Margaret J. Sampson", with a stylized flourish at the end.

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